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Application/Control No.

10/521,440

Examiner
Yaritza Guadalupe McCall

Applicant(s)/Patent under Reexamination

MCMURTRY ET AL.

Art Unit

2859\_

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla  | im       | Date                              |          |            |              |              |  | ١  | Ch       | aim      | Date |              |           |  |          |          | ٦        | C        | alm      |              | Date          |          |          |            |  |  |          |                |  |  |                 |          |        |
|--|----------|-----------------------------------|----------|------------|--------------|--------------|--|--|----------|----------|------|--------------|-----------|--|----------|----------|----------|----------|----------|--------------|---------------|----------|----------|------------|--|--|----------|----------------|--|--|-----------------|----------|--------|
|  |          |                                   |          |            |              | ΠÏ           |  |  |          | $\dashv$ |      |              |           |  | П        |          |          | ΠĨ       |          | Т            | Т             | ٦        |          | T          |  |  |          |                | П  |  |                 |          |        |
| 70   | Original | 9/28/05                           |          |            |              |              |  |  |          | ١        |      | 75           | Original  |  |          | ı        |          |          | - 1      | - [          |               |          | <u></u>  | Original   |  |  |          |                |  |  |                 | 1        |        |
| Final  | ğ        | 28                                |          |            |              |              |  |  |          |          |      | Final        | <u> 5</u> | H  |          | - 1      |          |          | ļ        | - [          |               | ł        | Final    | - <u>E</u> |  |  |          |                |  |  |                 | 1        |        |
| ا "  |          | à                                 |          |            | ,            |              |  |  |          | J        | İ    | _            | ō         |  |          | 1        |          |          | -1       | - 1          |               | 1        | -        | 0          |  |  |          |                |  |  |                 |          |        |
| <u> </u>   | 19       | 7                                 | _        | -          | H            | Н            | $\vdash$   | H  | H        | ⊣        |      |              | 51        | Н  | Н        | $\dashv$ |          | Н        | ┥        | ┰            |               | ┥        | -        | 101        | -  | Н  | H        | -              | Н  | Н  | $\dashv$        | _        | $\neg$ |
| <u> </u>   |          |                                   | Н        | _          | $\vdash$     | Н            | _  | -  | $\dashv$ |          |      |              | 52        | Н  | Н        |          | -        | $\vdash$ | +        | +            | ┰             | 4        | -        | 102        | ⊢  | Н  | -        |                | $\vdash$   | Н  | -               | ┪        | -      |
|  | 2        | 1                                 | Н        | _          | -            | Н            | -  | -  | -        |          |      |              | 53        | Н  | Н        | ┥        | <u>-</u> | $\dashv$ | ┥        | ┽            | ┿             | ┨        | -        | 103        | $\vdash$   | Н  | Н        | -              | Н  | Н  | ┪               | -        |        |
|  | 4        |                                   | Н        | _          | Н            | Н            |  | Н  | $\vdash$ | 4        |      |              |           | Н  | Н        |          | -        | $\vdash$ | +        | +            | +             | ┥        | <u> </u> | 104        | -  | Н  | Н        | ┢┷             | -  | -  | $\dashv$        | ⊣        |        |
| <u> </u>   | 4        | 4                                 | Н        | _          | Н            | Н            | <u> </u>   | _  | $\vdash$ |          |      | _            | 54        | Н  | Н        |          | $\dashv$ | $\vdash$ | +        | +            | +             | -        |          | 105        | $\vdash$   | Н  | _        | $\vdash$       | $\vdash$   | Н  | -               | ᅱ        | -      |
|  | 3        | Ш                                 | Щ        | _          | Н            | Н            | Щ  | _  | Н        | -        |      |              | 55        | Н  | Н        | -        |          | Н        | +        | -+           |               | -        | $\vdash$ | 106        | -  | Н  | ⊢        | Н              | $\vdash$   | Н  |                 | -        | _      |
|  | 4        | 4                                 |          |            | L            | Н            | -  | _  | Н        | _        | -    |              | 56        | Н  | Н        |          | $\dashv$ | Н        | $\dashv$ | +            | ╌             | ┥        | $\vdash$ | 107        | <u> </u>   | Н  | $\vdash$ | ⊢              | $\vdash$   | Н  | ┪               | ┥        | -      |
| L  | 7        | 4                                 | _        |            | Щ            | щ            | L  | L  | Н        | _        |      |              | 57        | Н  | Н        | -        | -        | $\vdash$ | -+       | -+           | +             | 4        | -        | 108        | Н  | Н  | ⊢        | ⊢              | ┝  | Н  | -               | -        | _      |
| L  | 8        | Ш                                 | Ц        |            | _            | Ш            | <u> </u>   | _  | Н        | _        | 1    |              | 58        | Н  | Н        | _        | _        | $\dashv$ | -        | +            | +             | 4        | -        | 100        |  | Н  | $\vdash$ | $\vdash$       | $\vdash$   | -  | $\dashv$        | $\dashv$ | _      |
|  | g        |                                   |          |            |              | Ш            | <u> </u>   | _  | Ш        | _        |      |              | 59        | Н  | Н        | -        |          | $\dashv$ | -+       | -+           | -             | 4        | 1        | 109        | Η-   | -  | ⊢        | Н              | $\vdash$   | Н  | $\dashv$        | ┥        |        |
|  | 10       | Ш                                 |          |            |              | Ш            | Щ  |  |          | 4        |      |              | 60        | Ц  | Н        | _        |          | $\sqcup$ | 4        | 4            | -             | 4        | <u> </u> | 110        | $\vdash$   | Н  | Н        | _              | -  | Н  | Н               | $\dashv$ | _      |
|  | 1        | Щ                                 | Ш        |            | Щ            | Ш            | <u> </u>   |  | Ш        | _        | .    |              | 61        | Щ  | Ш        | _        |          | Щ        | _        | 4            | +             | 4        | $\vdash$ | 111        | $\vdash$   | Щ  | $\vdash$ | -              | $\vdash$   | Н  | $\vdash$        |          | _      |
|  | 12       | Ш                                 | Щ        |            |              |              | Ш  | L  |          | 4        |      |              | 62        | Н  | Н        | _        |          | Щ        | 4        | 4            | 4             | 4        | <u> </u> | 112        | _  |  | ⊢        | <u> </u>       | _  | H  | $\dashv$        | -        | _      |
|  | 13       | Щ                                 | Ш        | Ш          | L_           | Ш            | _  | Ш  | Ш        | _        |      |              | 63        | Щ  | Ш        |          |          | ⊢┩       | 4        | 4            | +             | 4        | -        | 113        | $\vdash$   | Н  | $\vdash$ | <del>  -</del> | -  | $\vdash$   |                 |          | _      |
|  | 10       | Щ                                 | Ш        | Щ          | Ш            | Ш            | _  | Ш  | Ш        | _        | -    |              | 64        | Щ  | Ш        | _        |          | Ш        | 4        | _            | 4             | 4        | $\vdash$ | 114        | <u> </u>   | -  | $\vdash$ | ├-             | -  | -  | $\dashv$        |          |        |
| <u> </u>   | 1        |                                   | Ш        |            | $\Box$       |              | ᆫ  | ᆫ  |          | ᅵ        | 1    |              | 65        | Ш  | Ш        | _        |          | Щ        | 4        | _            | 4             | 4        | <b> </b> | 115        | <u> </u>   | Н  | L        | ┡              | H  | H  | Н               |          |        |
|  | 1        |                                   |          |            | _            |              | L  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш        | _        |      | L            | 66        | L_   | Ш        | $\Box$   | Щ        | Щ        | _        | _            | 4             | 4        | <u> </u> | 116        | $\vdash$   | <u> </u>   | _        | -              | -  |  | $\vdash \vdash$ |          |        |
|  | 1        |                                   |          |            |              |              |  |  |          |          |      |              | 67        | L  | Ц        |          | Щ        | Ш        | _        | 4            | 4             | 4        | <u> </u> | 117        | ╙  | Н  | _        | ┡              | <b> </b>   | _  | Н               | _        |        |
|  | 18       |                                   |          |            | L            |              |  |  |          | ال       |      |              | 68        |  | Ш        |          | Ш        | Щ        | _        | 4            | 4             | ┙        |          | 118        | <u> </u>   | Щ  | ⊢        | <b>L</b>       | Щ.   | ⊢  | Н               |          | _      |
|  | 10       | J                                 |          |            |              |              |  |  |          |          |      |              | 69        |  | Ш        |          |          | Ц        | _        | _            | _             | ↲        | <u> </u> | 119        | L  |  | L        | ļ              | ╙  | _  | $\vdash$        | _        |        |
|  | 20       | 7                                 |          |            |              |              |  |  |          |          |      |              | 70        |  |          |          |          |          |          |              |               | _        | L        | 120        | L  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | <u> </u> |                | ļ.,  | Ш  | Н               | _        |        |
|  | 21       | 7                                 |          |            | Г            |              | Г  | П  |          | $\Box$   |      |              | 71        |  |          |          |          |          |          |              |               | ┚        |          | 121        | Щ  |  | L        | 乚              | <u> </u>   | Ш  | Щ               | _        |        |
|  | 22       | 7                                 |          |            | Г            |              |  | П  |          | $\Box$   |      |              | 72        |  |          |          |          |          |          | $\perp$      |               |          |          | 122        | <u></u>  | Ш  | L        | 1_             | L  | Ш  | Ц               |          | _      |
|  | 23       | 7                                 | П        |            |              |              |  |  | П        | ╗        |      |              | 73        |  |          |          |          |          |          |              |               |          |          | 123        |  |  | L        | _              | L  | L  | Ц               |          |        |
|  | 24       | 7                                 |          |            |              |              |  | Г  |          | ╗        |      |              | 74        | Г  |          |          |          |          |          |              |               |          |          | 124.       |  |  | L        |                | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |  | Ш               |          |        |
| $\vdash$   | 25       | 7                                 | П        |            |              | Г            | Г  | П  | П        | ヿ        |      |              | 75        |  |          |          |          |          | $\Box$   |              |               |          |          | 125        | $L_{L}$  |  | _        | L              | L  | _  | Ц               |          | _      |
| $\vdash$   | 26       | 7                                 | П        |            |              |              | Т  | П  |          | ┒        |      |              | 76        | П  |          |          |          |          |          |              |               |          |          | 126        |  |  |          |                |  | <u> </u>   |                 |          |        |
| $\vdash$   | 27       | 7                                 |          | _          | _            | Г            |  | Г  |          | ╗        |      |              | 77        |  | П        |          |          | П        |          |              |               |          |          | 127        |  |  |          |                |  | 匚  |                 |          |        |
| <del> </del>                                     | 28       | V                                 |          | Т          |              | Т            | Т  |  | П        |          |      |              | 78        | Г  | П        |          |          |          |          | T            |               | 7        |          | 128        |  |  |          |                |  |  |                 |          |        |
| <u> </u>   | 29       | Ż                                 | $\vdash$ |            | Г            | Т            | ✝  | Г  |          | ᅱ        |      |              | 79        | Г  | П        |          |          |          | 寸        | Т            | $\neg \vdash$ | 7        |          | 129        |  |  |          |                |  |  |                 |          |        |
| <u> </u>   | 30       | 7                                 | Н        | _          | Н            |              | Н  | T  | Н        | ヿ        |      |              | 80        |  | П        |          |          | П        | $\neg$   | T            |               | 7        |          | 130        |  |  |          | $\Box$         |  |  |                 |          |        |
| <del> </del>                                     | 31       | 7                                 | Н        | _          | ┢            | Н            | $\vdash$   |  | Н        | ヿ        |      |              | 81        |  | П        |          |          | П        | ╗        | 寸            | Т             | ٦        |          | 131        |  |  |          |                |  |  |                 |          |        |
| $\vdash$   | 32       | Ż                                 | Н        | Н          | Н            | Н            | <b>†</b>   |  | H        | ᅥ        |      |              | 82        | $\vdash$   | П        |          |          | П        | _        | 7            | 丁             | 7        |          | 132        | Г  |  |          | Г              |  |  |                 |          |        |
| <del>                                     </del> | 33       | Ì                                 | Н        |            | H            | Н            | 1  |  | H        | 一        |      | $\vdash$     | 83        |  |          |          |          | П        | _        | 寸            | 十             | 7        |          | 133        |  |  | Ĺ        | Г              | L  |  |                 |          |        |
| -  | 34       | 7                                 | Н        | $\vdash$   | H            | Н            | ┢═   | Н  | H        | ᅥ        |      |              | 84        | Т  | П        |          |          | М        | _        | 7            | 十             | 7        |          | 134        | Г  |  | П        |                |  |  |                 |          |        |
| $\vdash$   | 35       | 7                                 | Н        | <b>-</b> - | $\vdash$     | Н            | <del>                                     </del> | Н  | Н        | ᅥ        |      | $\vdash$     | 85        | Т  | П        |          |          | М        | 7        | ┪            | 1             | 7        |          | 135        | Г  |  |          | Г              |  |  |                 |          |        |
| <del></del>                                      | 36       | 7                                 | Н        | $\vdash$   | $\vdash$     | Н            | ┢  | T  | Н        | ⊣        |      | <del></del>  | 86        | T  | Н        |          |          | П        | ┪        | 寸            | 十             | ┑        |          | 136        | Г  |  |          | Π              |  | $\Gamma$   |                 |          |        |
| $\vdash$   | 37       | 7                                 | Н        | $\vdash$   | $\vdash$     | Н            |  | <del>                                     </del>   | Н        | ᅱ        |      | $\vdash$     | 87        | t-   | Н        | $\dashv$ | Н        | Н        | ┪        | _†           | 十             | ┪        |          | 137        |  | П  | Т        | T              | Г  |  |                 |          |        |
| $\vdash$   | 38       | 7                                 | Н        | $\vdash$   | ⊢            |              | $\vdash$   | ┼-   | Н        | ᅥ        |      | ├            | 88        | $\vdash$   | Н        | _        |          | Н        | 一        | +            | 十             | ┪        |          | 138        | П  |  | П        |                | Τ  | Г  |                 |          |        |
| <del>                                     </del> | 39       |                                   | Н        | $\vdash$   | <del> </del> |              | 1  | 1  | Н        | $\dashv$ |      | <del> </del> | 89        | <del>                                     </del> | Н        | -        | Н        | Н        | 一        | _            | 十             | $\dashv$ |          | 139        | 1  | П  | 1        | T              |  | Г  |                 |          |        |
|  | 342      | -                                 | ᡰ᠊᠊ᡰ     | H          | -            | -            | 1  | ┢  | $\vdash$ | ᅱ        |      | ├            | 90        | +-   | Н        | $\dashv$ | Н        | Н        | ᅥ        | -+           | $\dashv$      | ┪        |          | 140        | <del>                                     </del> | Т  | 1        | Г              |  | Г  | П               |          |        |
| ├  | 41       | H                                 | H        | Н          | -            | $\vdash$     | ┢  | ⊢  | Н        | ⊣        |      | <del></del>  | 91        | ✝  | $\vdash$ | Н        | Н        | Н        | $\dashv$ | ┪            | 十             | ┪        |          | 141        | $\vdash$   | $\vdash$   | Т        | 1              | Т  | Т  | П               | $\Box$   | Т      |
|  | 42       | -                                 | Н        | -          | $\vdash$     | <del> </del> | ₩  | -  | Н        | ᅴ        |      | <del> </del> | 92        | +  | Н        | Н        | Н        | -        | -        | ┪            | 十             | $\dashv$ |          | 142        | Т  | Т  | Т        | 1              | T  | T  | П               |          |        |
| <b>-</b>   | 43       | $\vdash$                          | Н        |            | -            | -            | ┢  | +  | Н        | $\dashv$ |      |              | 93        | -  | Н        | Н        | $\vdash$ | Н        |          | +            | +             | $\dashv$ |          | 143        | T  | t  | Т        | 1              | T  | ⇈  | М               |          |        |
| <b> </b>   |          |                                   | $\vdash$ | ⊢          | $\vdash$     | -            | $\vdash$   | ├-   | Н        | $\dashv$ |      | ├─           | 94        | $\vdash$   | Н        | Н        | Н        | Н        |          | +            | 十             | ┨        | -        | 144        | 1  | $\vdash$   | $\vdash$ | 1              | Т  | Т  | П               | П        | Г      |
| <u> </u>   | 44       | H                                 | $\vdash$ | $\vdash$   | -            | -            | $\vdash$   | ⊢  | Н        | $\dashv$ |      | ├─-          | 95        | $\vdash$   | $\vdash$ | Н        | Н        | Н        |          | ┪            | 十             | $\dashv$ | -        | 145        | Н  | $\vdash$   | 1        | t              | 1  | T  | П               |          | Т      |
| <b> </b>   | 45       | ⊢                                 | -        | <b>—</b>   | }—           | $\vdash$     | ⊢  | ⊢  | Н        | Н        |      | <b>-</b> -   | 96        | ╆  | -        | Н        |          | Н        |          | -+           | +             | $\dashv$ |          | 148        | Н  | $\vdash$   | †-       | $t^{-}$        | $\vdash$   | 1  | Н               | Н        |        |
| <b>-</b>   | 46       | $\vdash$                          | <b>I</b> | $\vdash$   | ├-           | ├-           | ⊢  | ⊢  | $\vdash$ | $\dashv$ |      | ├─           | 97        | $\vdash$   | $\vdash$ | Н        | $\vdash$ | Н        | $\dashv$ | $\dashv$     | 十             | $\dashv$ | -        | 147        | ┼  | $\vdash$   | 十        | t              | 一  | T  | Н               |          | Т      |
| <u> </u>   | 47       | <u> </u>                          | <u> </u> | <b>L</b>   | 1            | ⊢            | ├-   | ⊢  | Н        | $\dashv$ |      | ├─-          | 98        | -  | -        | ┝┥       | ⊢        | Н        | $\dashv$ | $\dashv$     | +             | $\dashv$ | -        | 148        | ╁  | $\vdash$   | $\vdash$ | ╁╌             | +-   | <del>                                     </del> | Н               | Н        | _      |
| <u> </u>   | 48       | <b>—</b>                          | <b> </b> | <u> </u>   | <b>!</b>     | ┡            | ┡  | ╀  | Н        | Н        |      | ├            | 98        | ╀  | -        | Н        | -        | Н        | $\dashv$ | <del> </del> | +             | $\dashv$ | $\vdash$ | 149        | ┢  | +-   | $\vdash$ | +              | ╁  | +-   | H               | Н        | H      |
|  | 49       | <u> </u>                          | _        | L          | _            | <b>—</b>     | ١  | ₩  | Ы        | Н        |      | ├            |           |  | $\vdash$ | Н        | -        | $\vdash$ | Н        |              | +             | $\dashv$ | -        | 150        | ⊢  | ┢  | 1        | ╁              | +  | $\vdash$   | $\vdash$        | Н        | ┢      |
|  | 50       | $ldsymbol{ldsymbol{ldsymbol{L}}}$ |          | ᆫ          |              | L            | <u> </u>   | L_   | L_       |          |      | <u> </u>     | 100       |  |          |          |          | ட        | Ш        |              | _             | J        |          | T 190      |  | <u> </u>   |          | <u> </u>       | <u> </u>   | ــــــ   | لــا            |          | _      |
|  |          |                                   |          |            |              |              |  |  |          |          |      |              |           |  |          |          |          |          |          |              |               |          |          |            |  |  |          |                |  |  |                 |          |        |